



**Mayor's Bicycle Advisory
Commission 1.30.2019**

Agenda

1. DOT Bike Planning Transition Plan
2. CIP Request Follow-Up
3. Dockless Updates
 1. Ridership Update
 2. Survey Results
 3. Policy Bill Update/Timeline
4. Miscellaneous Business



Bike Planning Transition



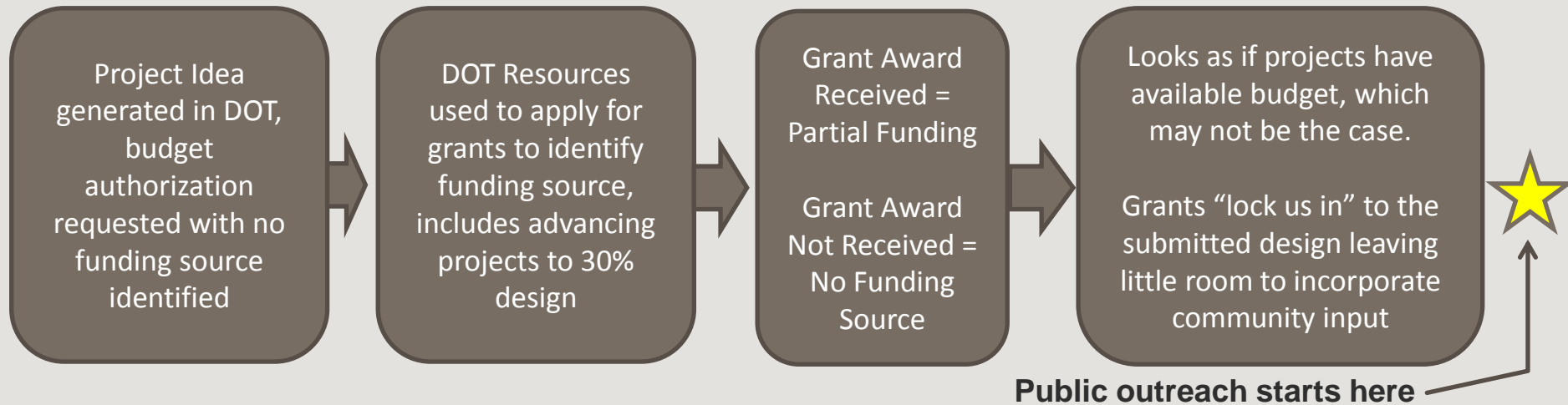
2020 to 2025 CIP Supplemental



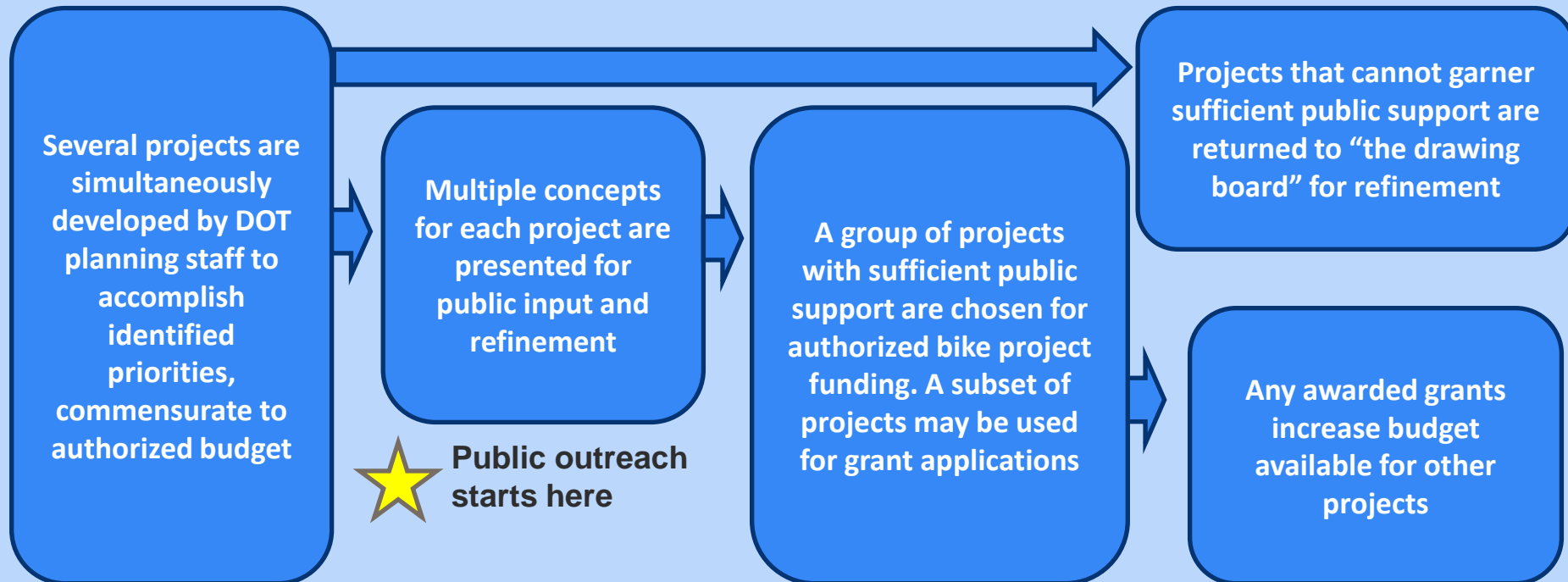
Michelle Pourciau,
Director
January 31, 2019



Previous Bike Project Process (Entirely Grant-Reliant)



New Bike Project Process (Includes funding for project development and outreach)



Program Summaries – High Profile Projects

BIKE PROGRAM FUNDING

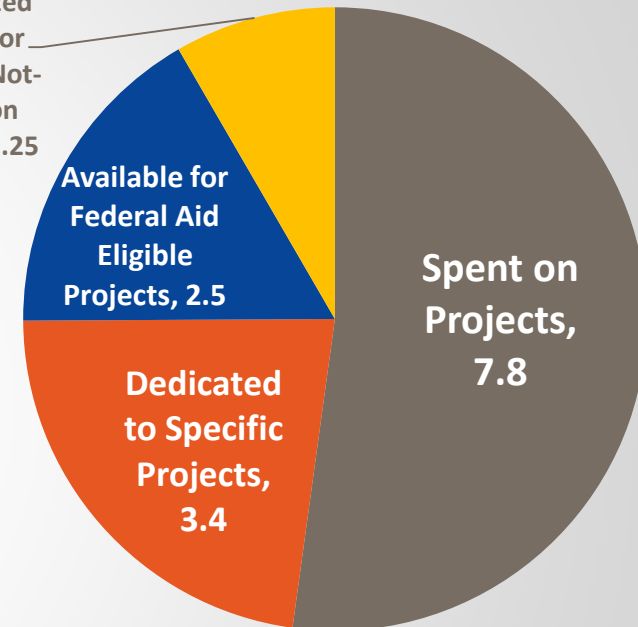
\$14,969,697 Total Bike Program Funding 2013 to 2019

- Amount Spent to date: \$7.8 Million
- \$7,169,697 In DOT Reserve Account
- Unspent Dedicated Amount: \$3,400,878 (Grant Funding with Local Match Allocated)
 - \$41,280 – MLK Sidepath Design
 - \$80,000 – Arlington Avenue Greenway Design
 - \$87,917 – Eutaw Street/Place Cycle Track Design
 - \$91,350 – Covington Street Bike Boulevard
 - \$99,600 – Melrose Avenue Bike and Pedestrian Improvements
 - \$193,420 – Wolfe/Washington Street Cycle Track Study
 - \$200,000 – Maryland Avenue Redline Changes/Madison Street
 - \$300,000 – Middle Branch Trail Connection Design
 - \$360,000 – W Pratt Street Cycle Track
 - \$572,311 – Jones Falls Trail Green Staining
 - \$625,000 – Inner Harbor Crosswalks and Wayfinding
 - \$750,000 – Potomac Street Phase II
 - Total: \$3,400,878
- Available Amount: \$2,519,235 (Local Funds, Federal Aid Eligible Projects Only)
 - Such as Druid Park Lake Drive/Sisson Street (Big Jump)
- Authorized Amount: \$1,249,584 (Budget Allocation without Revenue Source)
 - Place holder for grants we applied for and planned to win

Bike Program Funding

(in millions of dollars)

Authorized
Match for
Specific Not-
Yet-Won
Grants, 1.25



2019 Planned Construction List

PROJECT TITLE	LIMITS	FACILITY TYPE	Road Miles/ Facility Miles	LANE MILES	STATUS	PLANNED LIST	CONSTRUCTION/ DESIGN ESTIMATE
Downtown Bicycle Network - Maryland Avenue - Redline Changes	Various	Two-Way Cycle Track - Redline Changes	0.1/0.1	0.10	Construction 95% Complete	2019 Construction	\$ 50,000
Baker Street (North Ave TIGER)	Bloomingdale to Druid Hill Drive	Bicycle Boulevard	1.60	3.20	Construction Ready	2019 Construction	\$ 110,595
Melrose Avenue	Roland Ave to Bello Ave	Bicycle Boulevard/ Pedestrian Improvements	0.90	1.80	Design 60% Complete	2019 Construction	\$ 110,315
Covington Street	Key Highway to Cross	Bicycle Boulevard	0.60	1.20	Construction Ready	2019 Construction	\$ 55,115
S Hanover St	Frankurst Ave to Jack St	Bike Lane	0.42	0.84	In Design	2019 Construction	\$ 84,000
Biddle Street	McDonogh St to Milton Ave	Bike Lane	0.58	0.58	In Design	2019 Construction	\$ 58,000
						Total:	\$ 468,025

2019 Potential Construction List

PROJECT TITLE	LIMITS	FACILITY TYPE	Road Miles/ Facility Miles	LANE MILES	STATUS	PLANNED LIST	CONSTRUCTION/ DESIGN ESTIMATE
West Baltimore	Various	Bicycle Boulevard	6.00	6.00	Construction Ready	Potential 2019 Construction	\$ 286,000*
Downtown Bicycle Network - Madison Street	Fallsway to MLK Jr Blvd	Buffered Bike Lane/ Cycle Track	0.70	0.70	Construction Ready	Potential 2019 Construction	\$ 150,000
St Lo Dr	Sinclair Ln to Harford Rd	Cycle Track	0.80	1.50	Design 60% Complete	Potential 2019 Construction	\$ 260,000*
						Total:	\$ 696,000

Bicycle Facilities

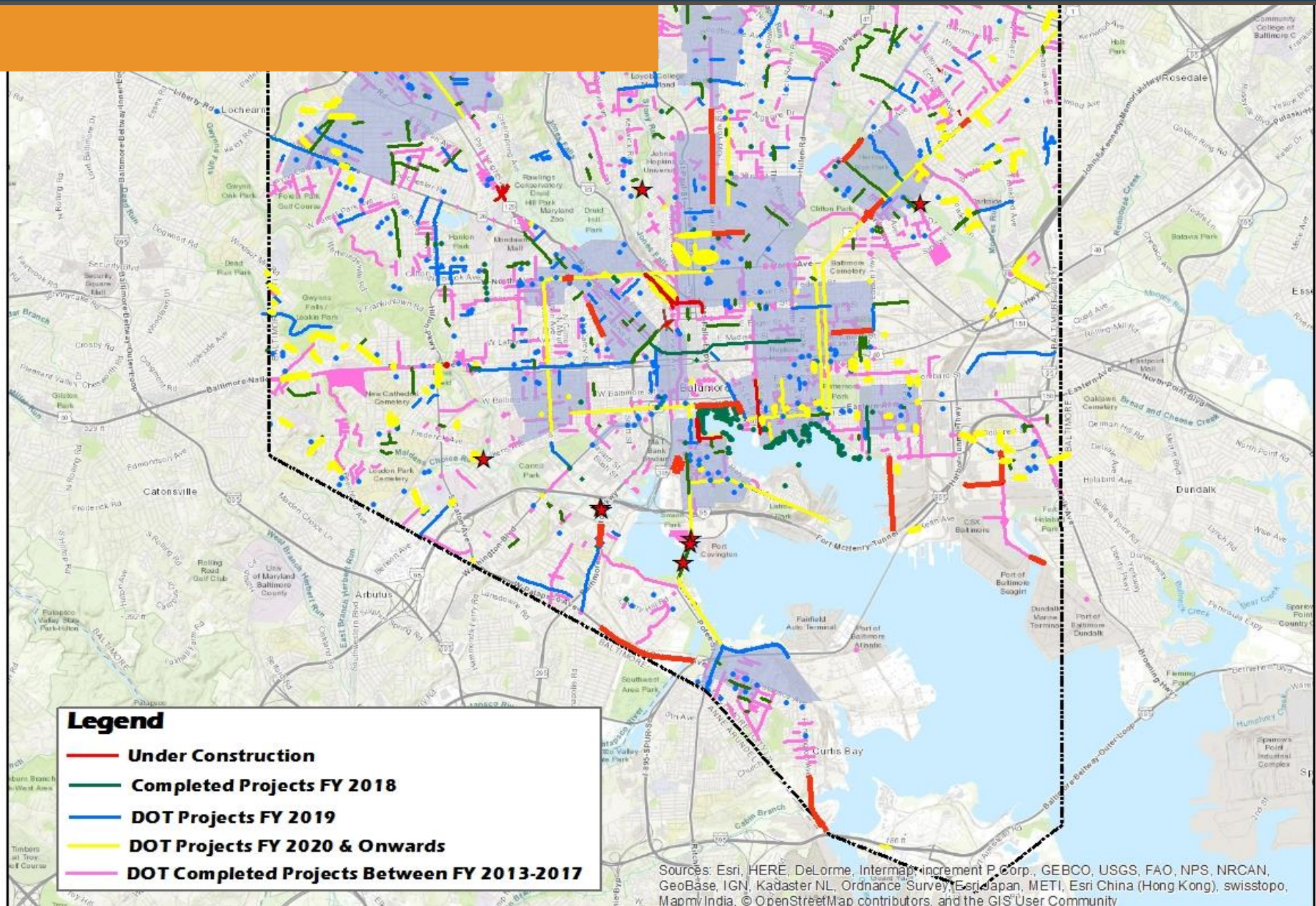
508-019 Bicycle Master Plan CIP FY20 to FY25

508-019	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL
HUR	\$0			\$300		\$300	\$600
FEDERAL	\$0	\$300	\$700	\$500	\$400	\$500	\$2,400
TOTAL	\$0	\$300	\$700	\$800	\$400	\$800	\$3,000

Text Here or Construction Schedule

Bike Facilities to Construction	Lane Miles		2020	2021	2022	2023	2024	2025	Fund Gap to Construction
West Pratt Street	1.6		2020						\$0
Potomac Street Phase II	1.1		2020						Fully Funded
20th Street Bike Lane	1.4			2021					Fully Funded
Arlington Ave Greenway	1.0			2021					\$300,000
Eutaw Place	1.5				2022				\$400,000
Bush Street	1.2				2022				\$300,000
MLK Jr. Boulevard Sidepath	2.9					2023			\$650,000
Wolfe or Washington Bike Facility	N/A						2024		\$500,000
Greenway Network Phase I	2.0							2025	\$850,000
TOTAL Under Construction:	12.7	Funds Requested	\$0	\$300,000	\$700,000	650,000	\$500,000	\$850,000	\$3,000,000

Infrastructure 2013 through 2019 and requested for FY 2020

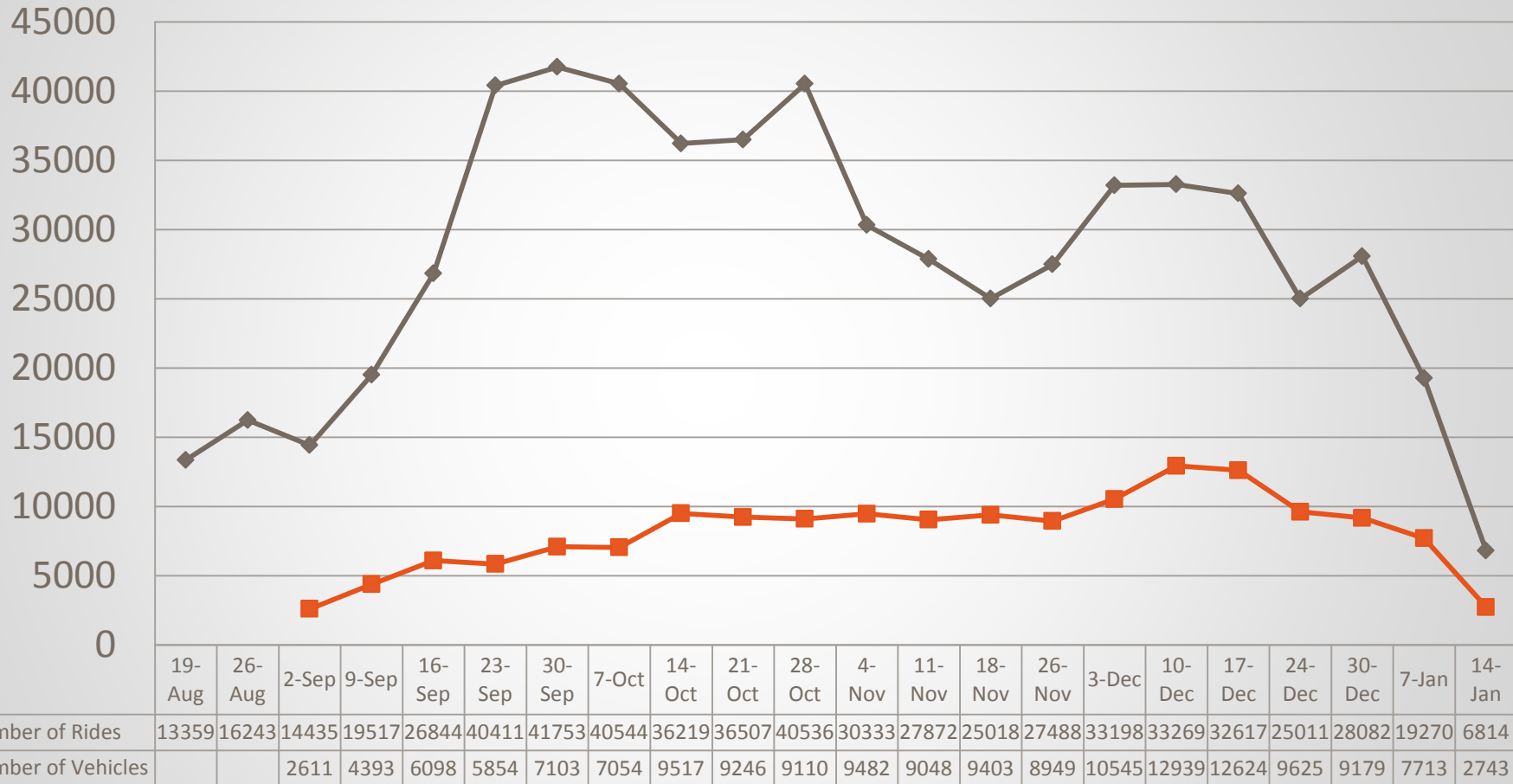


Dockless Vehicle Evaluation

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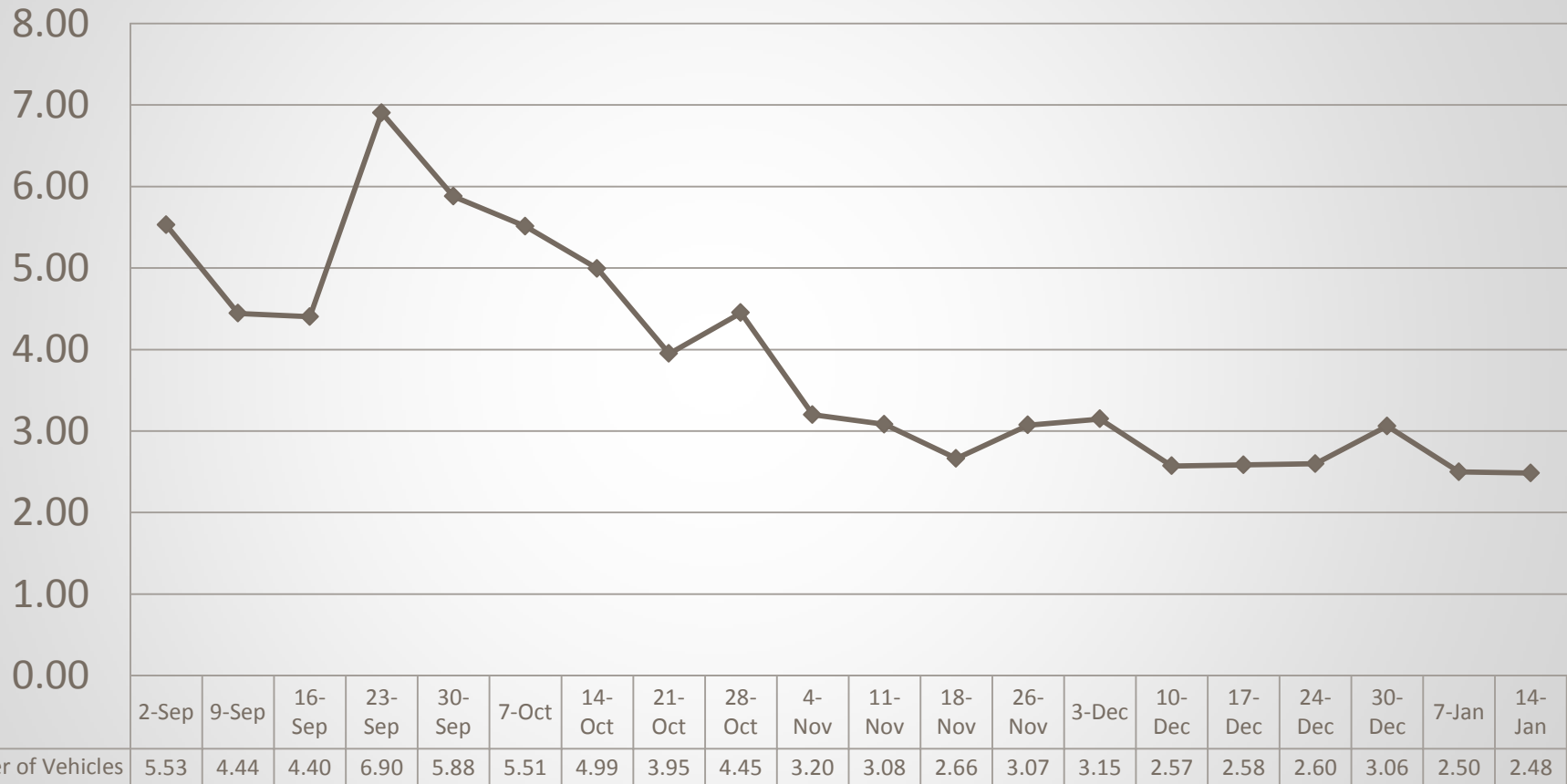
Dockless Vehicle Evaluation

Rides and Vehicles - Scooter



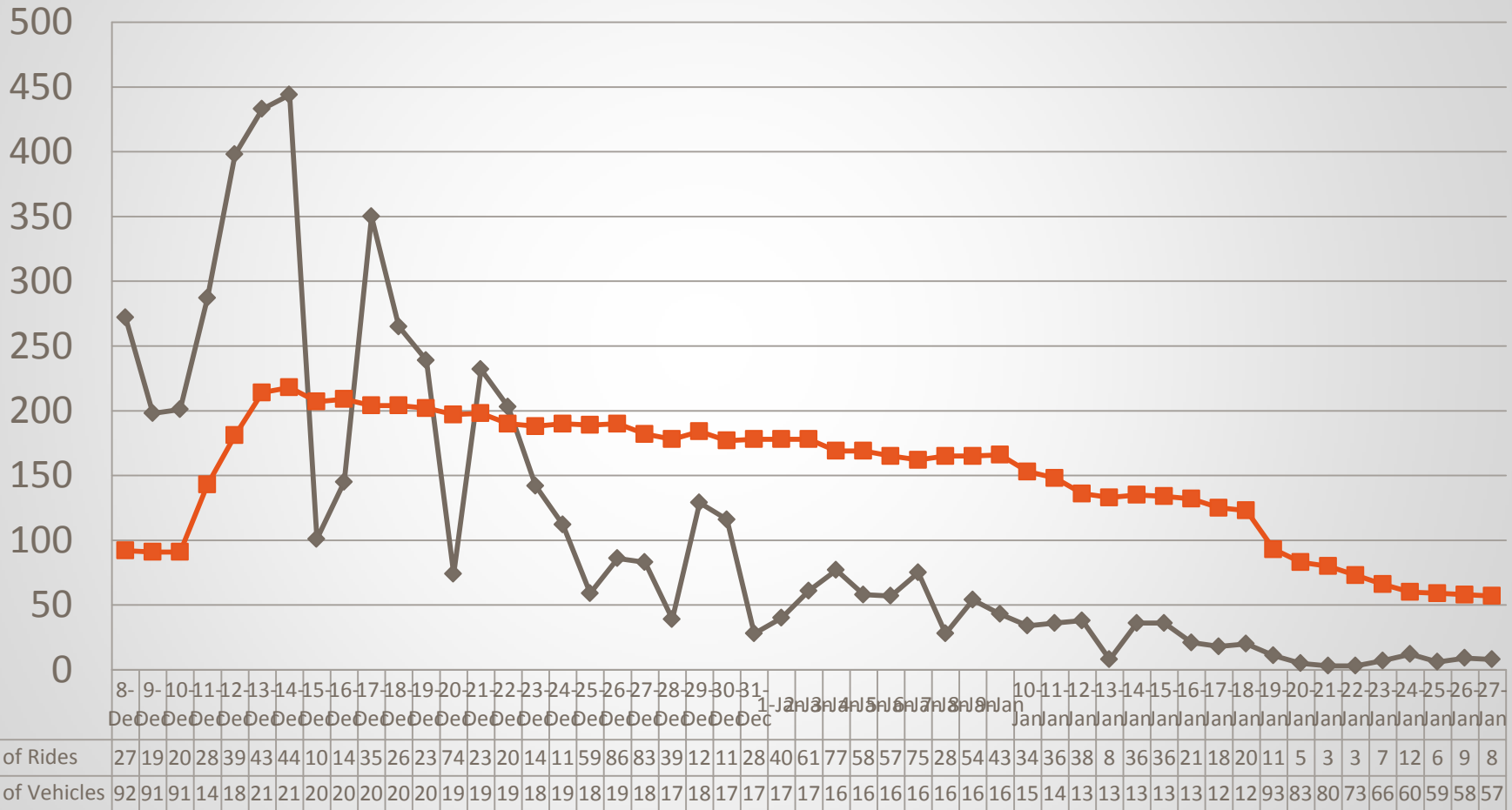
Dockless Vehicle Evaluation

Rides Per Scooter



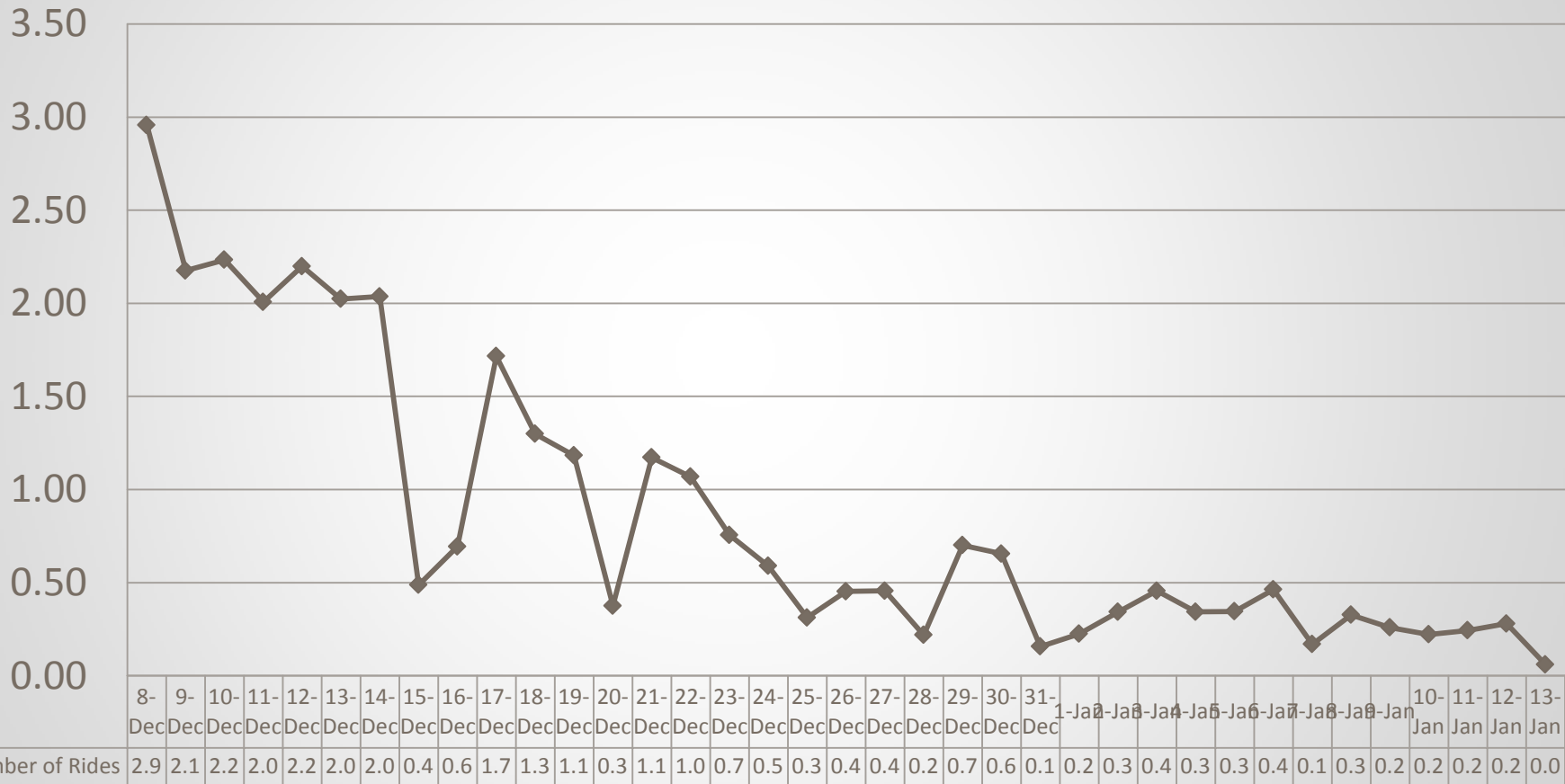
Dockless Vehicle Evaluation

Rides and Vehicles – E- Bikes



Dockless Vehicle Evaluation

Rides Per E- Bike



Dockless Vehicle Evaluation

Survey Update

5420 Responses- *the following responses are unofficial, data are still being cleaned*

Responses by Gender	Halfway	Final	Census
Male	50.7%	56.3%	47%
Female	47%	41.3%	53%
Non-Conforming/Prefer not to say	2.3%	3.4%	--

Responses by Race/Ethnicity	Halfway	Final	Census
African American	9.0%	14.4%	62.8%
Caucasian	80.8%	73.6%	30.3%
Hispanic	1.6%	2.3%	5.3%
Other	8.6%	9.7%	1.6%

Responses by Age	Halfway	Final	Census
16 & Under	.00001%	.005%	18.9%
17-24	3.5%	7.8%	13.6%
25-39	55.9%	56.6%	25.4%
40-54	23%	20.1%	18.1%
55-65	11.1%	9.4%	12.4%
Over 65	6.2%	5.5%	12.8%

To be added to preview report: map by zip code population & ridership

In Favor of Continuing the Program: 80.9%

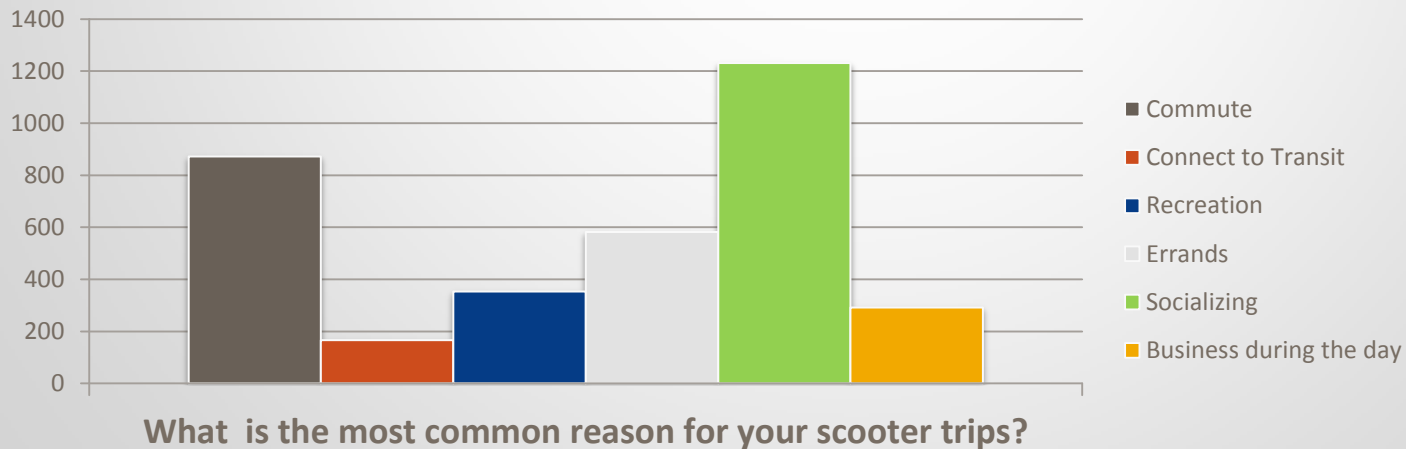
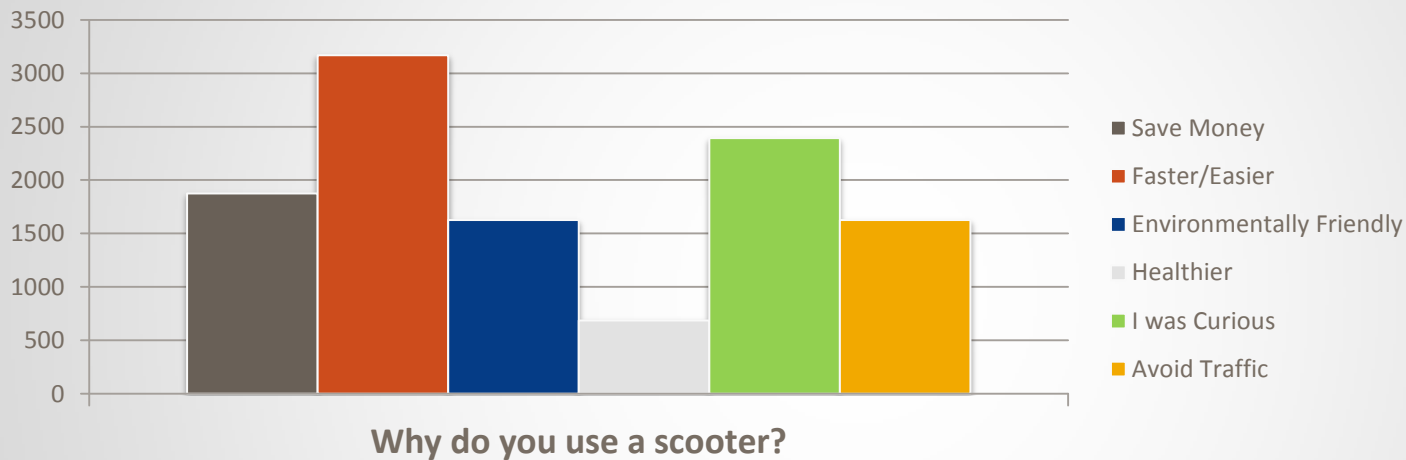
To be added to preview report: In favor by Age & Race/Ethnicity

Dockless Vehicle Evaluation

Users

66.5% of respondents have ridden a vehicle

To be added to preview report: Users by age, gender, race/ethnicity



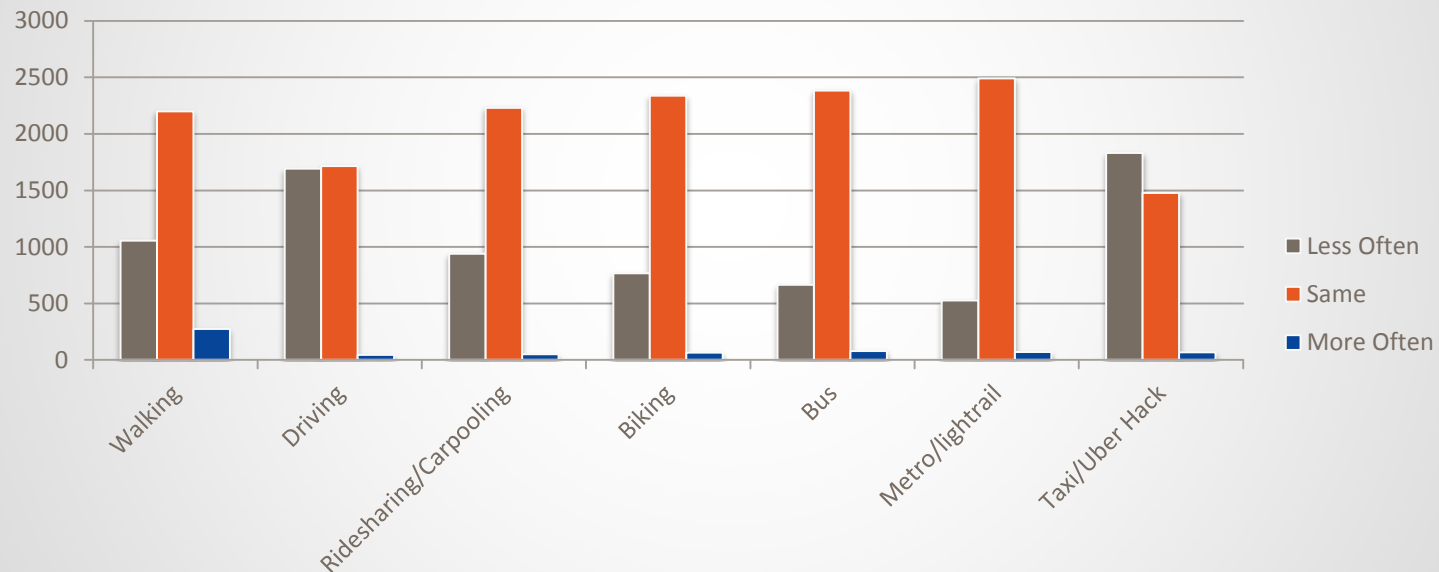
Dockless Vehicle Evaluation

Riding Behavior

Have you experienced a crash? 88.4% No

To be added to preview report: Riding behavior helmet use, parking instructions, where people ride

How have Dockless Vehicles changed your use of other transportation modes?



To be added to preview report: How would you improve the Dockless Service?

Dockless Vehicle Evaluation

Legal Update

- MD State Bills
- Bill introduction
 - Process for Amendments
 - Amendments to propose

MBAC

Miscellaneous Business



Funding needed to advance bike projects to construction, FY21-FY25

PROJECT TITLE	ROAD MILES/ FACILITY MILES	UNFUNDED COST	Yearly CIP Request (until fully funded)	CIP REQUEST START YEAR (FY)
West Pratt Street Two-way Separated Bike Lane/Sidepath (Redesign and construction, from MLK Jr. Blvd to Light St)	0.8/1.6	\$ 15,000.00	\$ 15,000.00	2020
Potomac Street Separated Bike Lane Phase II (Design and construction of additional streetscape improvements along existing separated bike lane from Eastern Avenue to Boston Street)	0.57/1.14	Fully Funded	-	2020
20th Street Bike Lane (Design and construction of a contraflow bike lane and a standard bike lane from Maryland Avenue to Kennedy Avenue)	0.7/1.4	Fully Funded	-	2021
Arlington Avenue Greenway (Neighborhood greenway features from Hollins Street to Washington Boulevard)	0.5/1	\$ 320,000.00	\$ 266,560.00	2021
Eutaw Place Separated and Standard Bike Lanes Design and construction of separated bike lane and standard bike lanes from Druid Hill Avenue to Druid Park Lake Drive)	1.5	\$ 662,083.00	\$ 440,947.28	2022
Bush Street Separated Bike Lane (Design and construction of two-way separated bike lane from Washington Boulevard to Russell Street)	0.6/1.2	\$ 315,000.00	\$ 209,790.00	2022
MLK Jr. Boulevard Sidepath (Design and eventual construction of a sidepath from Eutaw Street to Russell Street)	1.45/2.9	\$ 826,720.00	\$ 413,360.00	2023
Wolfe or Washington Bike Facility (Next step is feasibility study to result in separated or other low stress bike facility on one or both of these streets from Aliceanna to Sinclair)	8-Apr	\$ 606,580.00	\$ 201,991.14	2024
Greenway Network - Middle Branch Trail Connection - Phase I (Construction of a shared use path from Alluvion St to Light St)	0.8/2	\$ 1,225,000	\$ 203,350.00	2025
Total:		\$ 3,870,383	\$ 1,750,998.42	